



Course ID: HZ0112	Course name: METHODOLOGY OF SCIENTIFIC AND PROFESSIONAL RESEARCH		
Cycle: SECOND	Year: FIRST	Semester: I	ECTS credits: 3
Course status: MANDATORY		Total course hours: 30 Lectures: 30 Laboratory: -	
Teaching participants:	Teachers and associates with expertise in the field to which the subject belongs		
Prerequisite for enrollment:	-		
Course aims:	Understanding and mastering the methods and techniques of scientific and professional research.		
Thematic course units:	<ol style="list-style-type: none">1. Basic concepts and definitions in science2. Basic features of scientific research and professional paper3. Strategies and types of scientific research4. Types and characteristics of scientific papers5. Types and characteristics of professional papers6. Primary and secondary literature sources7. Citation, paraphrasing, plagiarism8. Scientific documentation and information9. Organization of scientific research10. Research methods11. Data collection techniques and instruments12. Data analysis		
Learning outcomes:	Knowledge: <ul style="list-style-type: none">• Formulate a research problem and hypotheses in a scientific field of interest• Propose an appropriate scientific method for research as part of the final paper Skills: Competences: <ul style="list-style-type: none">• Evaluate and use reliable primary and secondary literature sources		
Teaching methodology:	Oral presentation Discussion Research		

Assessment methods and grading system¹:	Grading criteria		
	Criteria	Maximal score	Required score
	1. Class attendance	5	3
	2. Class activities	5	3
	3. Midterm	40	22
	4. Seminar	10	5
	5. Final exam	40	22
	Total	100	55
	Scores and grading		
	Score	Grade (B&H)	Grade (ECTS)
	< 55	5	F, FX
	55-64	6	E
	65-74	7	D
75-84	8	C	
85-94	9	B	
95-100	10	A	
Literature²:	Mandatory literature:		
	<ol style="list-style-type: none"> 1. Filipović, M. (2004). <i>Metodologija znanosti i znanstvenog rada</i>. Sarajevo: Svjetlost. 2. Šamić, M. (2003). <i>Kako nastaje naučno djelo</i>. Sarajevo: Svjetlost. 		
Literature²:	Supplementary literature:		
	<ol style="list-style-type: none"> 1. Gay, L.R. (2002). <i>Educational Research, Competencies for Analysis and Applications</i>. New York: McMillan Publishing Company. 2. Silobrčić, V. (1983). <i>Kako sastaviti i objaviti znanstveno djelo</i>. Zagreb: Juvena. 3. Zelenika, R. (2000). <i>Metodologija i tehnologija izrade znanstvenog i stručnog djela</i>. Rijeka: Ekonomski fakultet. 		

¹ The grading structure for each subject is determined by the Council of the organizational unit before the beginning of the academic year in which the subject is taught as per Article 64, paragraph 6 of the Law on Higher Education of Sarajevo Canton

² The Senate of the higher education institution, as an institution, or the Council of the organizational unit of the higher education institution, as a public institution, determines by a special decision, which is published on its website before the beginning of the academic year obligatory, mandatory and recommended textbooks and manuals, as well as other recommended literature based on which exams are prepared and taken as per Article 56, paragraph 3 of the Law on Higher Education of the Sarajevo Canton